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(21) International Application Number: PCT/US96/08142 (22) International Filing Date: 31 May 1996 (31.05.96) (30) Priority Data: 08/467,909 6 June 1995 (06.06.95) US (71) Applicant (for all designated States except US): T CELL DIAGNOSTICS, INC. [US/US]; 115 Fourth Avenue, Needham, MA 02194 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): EMMETT, Constance [US/US]; 18 Pratt Street, Melrose, MA 02176-1930 (US). FOSTER, Kimberly, A. [US/US]; 641 Main Street, Boylston, MA 01505 (US). (74) Agents: LICATA, Jane, Massey et al.; Suite 201, 210 Lake Drive East, Cherry Hill, NJ 08002 (US).		(81) Designated States: AL, AM, AU, BB, BG, BR, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KP, KR, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: UNIVERSAL CHEMISTRY ENZYME-LINKED IMMUNOSORBENT ASSAY FOR DETECTION OF mRNA EXPRESSION		
(57) Abstract A kit for the quantitation of mRNA expression levels in a biological sample is provided which contains a detergent-chaotrope lysis mixture for extracting total RNA from the biological sample; a mixture of reverse transcriptase, nucleotides and an oligo-dT primer to synthesize cDNA from polyadenylated mRNA in the total mRNA; a means for labeling a primer or probe with a molecule which binds to an agent coated on a microtiter plate; a microtiter plate coated with an agent capable of binding to said molecule; a means for labeling a primer or probe with a detectable label; an antibody which detects the labeled primer or probe; and a means for detecting the antibody. Methods for quantitating mRNA expression in a biological sample are also provided.		

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